



**VOLUNTARY REMEDIATION PROGRAM
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

PROJECT SUMMARY

Site name:	Bivona, Inc.
Applicant Name:	Bivona, Inc.
Site location:	5700 W. 23 rd Avenue Gary, IN 46406
VRP Site No.:	6000201
Project Manager:	Brent Dayharsh
Date received:	February 3, 2000
Date completed:	December 4, 2002
Contaminant(s):	VOCs
Media cleaned up:	Surface Soil, Subsurface Soil, Groundwater
Cleanup Objectives Achieved:	VRP 1996 Guidance Tier II Nonresidential
Deed/Land use restrictions:	The property shall not be used for residential purposes

Project Summary: Site investigations conducted in 1999 indicated that groundwater in the vicinity of a former septic field had been impacted by chlorinated solvents, mainly 1,1,1-TCA, 1,1-DCA, and chloroethane. The site enrolled in the VRP in 2000 to address the chlorinated solvent impacts. Following delineation of the extent of contamination, removal of the suspected source was accomplished by excavation and disposal of the former septic system and associated soils. The contaminated groundwater at the site was treated with an in-situ air-sparging system designed to volatilize dissolved contaminants. The air-sparging system was operated for approximately 144 hours in late 2001 and early 2002. Continued groundwater monitoring following termination of remedial activities at the site indicated that contaminant concentrations in groundwater were reduced from their pre-remediation levels. Confirmation soil and groundwater sampling conducted in 2002 demonstrated that contaminant levels were below nonresidential cleanup goals.